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1. An embedded system configured to reduce volatile memory usage by loading individual software components, the embedded system comprising:

a processor;

volatile memory in electronic communication with the processor;

non-volatile memory in electronic communication with the processor, the non-volatile memory including an operating system, a loader application, a loading table and a plurality of individual software components;

instructions stored in the non-volatile memory that are executable by the processor for implementing a method comprising:

loading the operating system for the embedded system into the volatile memory; starting the operating system;

loading the loader application into the volatile memory;

starting the loader application;

examining the loading table to determine which of the individual software components are to be loaded into the volatile memory; and

loading each of the individual software components that are to be loaded as indicated in the loading table into the volatile memory.

- 2. The embedded system as defined in claim 1, wherein the embedded system is a multifunctional peripheral.
- 3. The embedded system as defined in claim 1, wherein the loading table is configurable by a user.
- 4. The embedded system as defined in claim 3, further comprising an input component in electronic communication with the processor for a user to enter user input and thereby configure the loading table.

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- 5. The embedded system as defined in claim 4, further comprising a display in electronic communication with the processor that displays information to the user relating to the loading table.
- 5 6. The embedded system as defined in claim 5, further configured with a menu structure that may be navigated by a user using the input component and the display to configure the loading table.
 - 7. The embedded system as defined in claim 6, wherein the loading table is directly configurable by a user.
 - 8. The embedded system as defined in claim 6, wherein the loading table is indirectly configurable by a user.
 - 9. The embedded system as defined in claim 1, wherein the loading table is a license table comprising a list of licenses relating to the individual software components.
 - 10. The embedded system as defined in claim 9, wherein the individual software components with licenses, as indicated by the license table, are loaded into the volatile memory.
 - 11. The embedded system as defined in claim 1, wherein the volatile memory is RAM.
 - 12. The embedded system as defined in claim 1, wherein the individual software components are software libraries.
 - 13. The embedded system as defined in claim 1, further comprising:
 - a communications module in electronic communication with the processor for communications with a computer; and

- a web interface accessible by a user through use of a web browser to configure the loading table.
- 14. The embedded system as defined in claim 13, wherein the web interface comprises a webpage.
 - 15. The embedded system as defined in claim 1, wherein the method further comprises: examining hardware configuration by the loader application; and modifying the loading table based on the hardware configuration.

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16. A computer-readable medium for carrying program data, wherein the program data comprises executable instructions for implementing a method comprising:

loading an operating system for an embedded system into volatile memory;

starting the operating system;

loading a loader application into the volatile memory;

starting the loader application;

examining a loading table to determine which individual software components are to be loaded into the volatile memory; and

loading each of the individual software components that are to be loaded as indicated in the loading table into the volatile memory.

- 17. The computer-readable medium as defined in claim 16, wherein the embedded system is a multi-functional peripheral.
- 18. The computer-readable medium as defined in claim 16, further comprising a user configuring the loading table.
 - 19. The computer-readable medium as defined in claim 18, further comprising providing a user interface to the user for configuring the loading table.
 - 20. The computer-readable medium as defined in claim 19, wherein the user interface includes a menu structure that may be navigated by the user to configure the loading table.
- 21. The computer-readable medium as defined in claim 20, wherein the user configures the loading table directly.
 - 22. The computer-readable medium as defined in claim 20, wherein the user configures the loading table indirectly.

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- 23. The computer-readable medium as defined in claim 16, wherein the loading table is a license table comprising a list of licenses relating to the individual software components.
- 24. The computer-readable medium as defined in claim 23, wherein the individual software components with licenses, as indicated by the license table, are loaded into the volatile memory.
 - 25. The computer-readable medium as defined in claim 16, wherein the volatile memory is RAM.
 - 26. The computer-readable medium as defined in claim 16, wherein the individual software components are software libraries.
 - 27. The computer-readable medium as defined in claim 16, further comprising providing a web interface accessible by a user through use of a web browser to configure the loading table.
 - 28. The computer-readable medium as defined in claim 27, wherein the web interface comprises a web page.
 - 29. The computer-readable medium as defined in claim 16, further comprising: examining hardware configuration by the loader application; and modifying the loading table based on the hardware configuration.

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30. A method for reducing volatile memory usage in an embedded system by loading individual software components, the method comprising:

loading an operating system for the embedded system into volatile memory; starting the operating system;

loading a loader application into the volatile memory;

starting the loader application;

examining a loading table to determine which individual software components are to be loaded into the volatile memory; and

loading each of the individual software components that are to be loaded as indicated in the loading table into the volatile memory.

- 31. The method as defined in claim 30, wherein the embedded system is a multi-functional peripheral.
- 32. The method as defined in claim 30, wherein the loading table is configurable by a user.
- 33. The method as defined in claim 32, further comprising providing a user interface to the user for configuring the loading table.
- 34. The method as defined in claim 33, wherein the user interface includes a menu structure that may be navigated by the user to configure the loading table.
 - 35. The method as defined in claim 34, wherein the loading table is directly configurable by a user.
 - 36. The method as defined in claim 35, wherein the loading table is indirectly configurable by a user.

- 37. The method as defined in claim 30, wherein the loading table is a license table comprising a list of licenses relating to the individual software components.
- 38. The method as defined in claim 37, wherein the individual software components with licenses, as indicated by the license table, are loaded into the volatile memory.
 - 39. The method as defined in claim 30, wherein the volatile memory is RAM.
 - 40. The method as defined in claim 30, wherein the individual software components are software libraries.
 - 41. The method as defined in claim 30, further comprising providing a web interface accessible by a user through use of a web browser to configure the loading table.
 - 42. The method as defined in claim 41, wherein the web interface comprises a web page.
 - 43. The method as defined in claim 30, further comprising:

 examining hardware configuration by the loader application; and modifying the loading table based on the hardware configuration.